12-03-04

Express Mail No. EV452773620US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ication of:

Rathbun et al.

Confirmation No.:

7370

Serial No.:

10/619,472

Art Unit:

3723

Filed:

July 16, 2003

Examiner: To be assigned

For:

PLATING SYSTEM WITH MULTIPLE FUNCTION DRILL Attorney Docket No.:

8932-767-999

GUIDE

INFORMATION DISCLOSURE STATEMENT

Mail Stop Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

2.

冈

In accordance with the duty of disclosure provisions of 37 C.F.R. §1.56, there is hereby provided certain information which the Examiner may consider material to the examination of the subject U.S. patent application. It is requested that the Examiner make this information of record if it

is deem	ed mate	rial to the examination of the application.
1.	Enclose	ares accompanying this Information Disclosure Statement are:
	la.	A list of all patents, publications, applications, or other information submitted for consideration by the office.
	1b.	A legible copy of:
		Each foreign patent;
		☐ Each publication or that portion which caused it to be listed on the PTO-1449;
		For each cited pending U.S. application, the application specification including the claims, and any drawing of the application, or portion of the application which caused it to be listed on the PTO-1449 including any claims directed to that portion;
		all other information or portion which caused it to be listed on the PTO-1449.
	1c.	An English language copy of search report(s) from a counterpart foreign application or PCT International Search Report.
:	1d.	Explanations of relevancy (ATTACHMENT 1(d), hereto) or English language abstracts of the non-English language publications.
	le.	In accordance with 1276 OG 55, since this application was filed after June 30, 2003, this Information Disclosure Statement is filed without copies of References, which are U.S. patent documents, U.S. patent applications filed after June 30, 2003 and international applications that have entered the national stage under 35 U.S.C. § 371 after June 30, 2003

This Information Disclosure Statement is filed under 37 C.F.R. §1.97(b):

NYJD: 1553010.1

		continued prosecution application under §1.53(d);
		Within three months of the date of entry of the national stage as set forth in §1.491 in an international application;
		Before the mailing of the first Office action on the merits;
		Before the mailing of a first Office action after the filing of a request for continued examination under §1.114.
3.		This Information Disclosure Statement is filed under 37 C.F.R. §1.97(c) after the period specified in 37 C.F.R §1.97(b), but before the mailing date of any of a final action under 37 C.F.R. §1.113, a notice of allowance under 37 C.F.R. §1.311 or an action that otherwise closes prosecution in the application.
		(Check either Item 3a or 3b)
	3a.	☐ The Certification Statement in Item 5 below is applicable. Accordingly, no fee is required.
	3b.	☐ The \$180.00 fee set forth in 37 C.F.R. §1.17(p) in accordance with 37 C.F.R. §1.97(c) is:
		enclosed
	•	to be charged to Jones Day Deposit Account No. 50-3013.
		(Item 3b to be checked if any reference known for more than 3 months)
4.		This Information Disclosure Statement is filed under 37 C.F.R. §1.97(d) after the period specified in 37 C.F.R. §1.97(c), but on or before the date of payment of the issue fee.
	The Co	ertification Statement in Item 5 below is applicable.
		The \$180.00 fee set forth in 37 C.F.R. §1.17(p) is: enclosed.
		to be charged to Jones Day Deposit Account No. 50-3013
5.		Certification Statement (applicable if Item 3a or Item 4 is checked)
		(Check either Item 5a or 5b)
	5a.	☐ In accordance with 37 C.F.R. §1.97(e)(1), it is certified that each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.
	5b.	☐ Each item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart application, and the communication was not received by any individual designated in 37 C.F.R. §1.56(c) more than thirty days prior to the filing of this information disclosure statement.
	5c.	Pursuant to 37 C.F.R. §1.704(d), each item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart application, and the communication was not

			dual designated in 37 C.F of this information disclo	R. §1.56(c) more than thirty sure statement.
6.		This application is a continuor (d).	nuation application under 3	37 C.F.R. §1.60 or §1.53(b)
		(Check appro	priate Items 6a, 6b and/or	- 6c)
	6a.	A Petition to Withdraw filed herewith.	v from issue under 37 C.F	R. §1.313(b)(5) is concurrently
	6b.	No. , filed on		from prior application Serial tion claims priority under 35 37 C.F.R. §1.98(d).
	6c.	Copies of the publication prior application Seria		449 were not previously cited in , and are provided herewith.
7.		This is a Supplemental Inf	ormation Disclosure State	ment. (Check Item 7a)
	7a.	supplements the Informattempt was made to commerce made. These om additional time is requ	nation Disclosure Stateme omply with 37 C.F.R. §1.9 issions have been corrected.	98, but inadvertent omissions od herein. Accordingly, ental Information Disclosure
8.			n 37 C.F.R. §1.98, a conci- the relevance of each non	se explanation of what is -English language publication is:
		(Che	eck Item 8a, 8b, or 8c)	
	8a.	enclosed English lang	ounterpart foreign applicat	cations were cited on the rnational Search Report or the ion indicating the degree of
	8b.	set forth in the applica	tion.	
	8c.	enclosed as an attachm	nent hereto.	
9.			r this Information Disclos	ny additional fee required or ure Statement and/or Petition to
10.		considered to be, material made (other than a search	to patentability nor a repre report of a foreign counter	esentation that a search has been repart application or PCT 37 C.F.R. §§1.97(g) and (h).
			Respectfully subplitted,	•
Date:	Dece	mber 2, 2004	The	54,390
Dutc.	Dece	11001 2, 200 1	Brent P Ray JONES DAY 222 East 41st Street New York, New York 1 (212) 326-3939	(Reg. No.)

LIST OF REFERENCES OF ED BY APPLICANT

ATTY DOCKET NO.

8932-767-999

10/619,472

APPLICANT

Rathbun et al.

Filing date

July 16, 2003

3723

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A01	20030083667 A1	05/01/2003	Ralph et al.			
	A02	20030083661 A1	05/01/2003	Orbay et al.			
	A03	20030055430 A1	03/20/2003	Kim			
-	A04	20030045880 A1	03/06/2003	Michelson			
	A05	20030040753 A1	02/27/2003	Daum et al.			
	A06	20030040752 A1	02/27/2003	Kitchens			
	A07	20030040748 A1	02/27/2003	Aikins et al.			
	A08	20030018335 A1	01/23/2003	Michelson			
•	A09	20020183754 A1	12/05/2002	Michelson		<u> </u>	
	A10	20020147450 A1	10/10/2002	LeHuec et al.			
	A11	20020133172 A1	09/19/2002	Lambrecht et al.			
	A12	20020128655 A1	09/12/2002	Michelson			
	A13	20020120273 A1	09/29/2002	Needham et al.			
	A14	20020082606 A1	06/27/2002	Suddaby			
	A15	20020045896 A1	04/18/2002	Michelson			
	A16	20020022847 A1	02/21/2002	Ray, III et al.			
	A17	20020004661 A1	01/10/2002	Sevrain et al.			
	A18	20010047172 A1	11/29/2001	Foley et al.			
	A19	20010027320 A1	10/04/2001	Sasso		 	
	A20	6,565,571 B1	05/20/2003	Jackowski et al.			
	A21	6,562,046 B2	05/13/2003	Sasso			,,
	A22	6,558,089 B2	05/06/2003	DeBlasio			
	A23	6,533,786 B1	03/18/2003	Needham et al.			
	A24	6,527,776 B1	03/04/2003	Michelson	·		
	A25	6,524,312 B2	02/25/2003	Landry et al.			
	A26	6,524,238 B2	02/25/2003	Velikaris et al.			
	A27	6,491,714 B1	12/10/2002	Bennett			
	A28	6,475,190 B2	11/05/2002	Young			
	A29	6,454,771 B1	09/24/2002	Michelson		<u> </u>	
	A30	6,447,512 B1	09/12/2002	Landry et al.			
	A31	6,436,103 B1	08/20/2002	Suddaby			
	A32	6,428,542 B1	08/06/2002	Michelson			
	A33	6,419,678 B1	07/16/2002	Asfora			
	A34	6,416,528 B1	07/09/2002	Michelson			
	A35	6,416,518 B1	07/09/2002	DeMayo			
	A36	6,398,783 B1	06/04/2002	Michelson		!	

A37 (6,383,186 B1	05/07/2002	Michelson			
	6,379,364 B1	04/30/2002	Brace et al.			
	6,371,959 B1	04/16/2002	Trice			
1 1	6,361,537 B1	03/26/2002	Anderson			
	6,342,057 B1	01/29/2002	Brace et al.			
	6,342,056 B1	01/29/2002	Mac-Thiong et al.			· · · · · · · · · · · · · · · · · · ·
	6,330,845 B1	12/18/2001	Meulink			
	6,306,139 B1	10/23/2001	Fuentes			
	6,299,616 B1	10/23/2001				
l	6,287,313 B1	09/11/2001	Beger Sasso			
1 1	6,283,969 B1	09/04/2001	Grusin et al.			
1 1						
	6,258,091 B1	07/10/2001	Sevrain et al.			
	6,241,729 B1	06/05/2001	Estes et al.			
	6,238,400 B1	05/29/2001	Bays			
	6,235,034 B1	05/22/2001	Bray			
	6,210,415 B1	04/03/2001	Bester			
1 1	6,206,886 B1	03/26/2001	Bennett			
1 • 1	6,193,723 B1	02/27/2001	Cripe et al.			
A55	6,193,721 B1	02/27/2001	Michelson			
. A56	6,152,927 A	11/28/2000	Farris et al.			
A57	6,143,012 A	11/07/2000	Gausepohl			
A58	6,139,550 A	10/31/2000	Michelson			
A59	6,113,637 A	09/05/2000	Gill et al.			
A60	6,066,142 A	05/23/2000	Serbousek et al.			
A61	6,059,789 A	05/09/2000	Dinger et al.			
A62	6,036,696 A	03/14/2000	Lambrecht et al.			
A63	6,019,767 A	02/01/2000	Howell			
A64	6,013,083 A	01/11/2000	Bennett			
A65	6,007,535 A	12/28/1999	Rayhack et al.			·
A66	5,961,530 A	10/05/1999	Moore et al.		·	
A67	5,961,257 A	10/05/1999	Bettini et al.			
A68	5,957,927 A	09/28/1999	Magee et al.			
A69	5,954,722 A	09/21/1999	Bono			
A70	5,951,561 A	09/14/1999	Pepper et al.			
A71	5,947,654 A	09/07/1999	Blankenship et al.			
A72	5,938,686 A	08/17/1999	Benderev et al.			
A73	5,913,860 A	06/22/1999	Scholl		************	
· A74	5,910,143 A	06/08/1999	Cripe et al.			
A75	5,895,390 A	04/20/1999	Moran et al.			
A76	5,888,034 A	03/30/1999	Greenberg			
A77	5,851,207 A	12/22/1998	Cesarone			
A78	5,836,950 A	11/17/1998	Hansson			
A79	5,769,856 A	06/23/1998	Dong et al.			
A80	5,766,221 A	06/16/1998	Benderev et al.			
A81	5,755,721 A	05/26/1998	Hearn			

I A	82	5,749,884 A	05/12/1998	Benderev et al.			
		5,746,763 A	05/05/1998	Benderev et al.			
		5,746,743 A	05/05/1998	Greenberg		-	
		5,743,916 A	04/28/1998	Greenberg et al.			
	- 1	5,741,266 A	04/21/1998	Moran et al.			
	87	5,725,532 A	03/10/1998	Shoemaker			
		5,722,978 A	12/23/1997	Jenkins, Jr.			
		5,700,267 A	10/14/1997	Urbanski			
	89	5,676,666 A	03/03/1998	Oxland et al.			
	90	5,669,915 A	03/03/1998	Caspar et al.		_	
		5,637,112 A	06/10/1997	Moore et al.			
	.92			Houston et al.			
	.93	5,634,927 A	06/03/1997				
	94	5,624,447 A	04/29/1997	Myers			
	95	5,601,553 A	02/11/1997	Trebing et al.			
	96	5,601,550 A	02/11/1997	Esser			·
	.97	5,595,193 A	01/21/1997	Walus et al.			
		5,584,839 A	12/17/1996	Gieringer,			
		5,575,794 A	11/19/1996	Walus et al.			
1		5,507,801 A	04/16/1996	Gisin et al.			
		5,484,446 A	04/16/1996	Burke et al.			
1		5,458,602 A	10/17/1995	Goble et al.			
		5,437,677 A	08/01/1995	Shearer et al.			
1		5,429,641 A	07/04/1995	Gotfried			
1 1 .		5,423,826 A	06/13/1995	Coates et al.			
1		5,409,493 A	04/25/1995	Greenberg			
1		5,364,399 A	11/15/1994	Lowery et al.			
1 1 .		5,324,295 A	06/28/1994	Shapiro			
		5,312,412 A	05/17/1994	Whipple			
		5,306,278 A	04/26/1994	Dahl et al.			
		5,281,056 A	01/25/1994	Lawson et al.			
		5,250,055 A	10/05/1993	Moore et al.			
		5,207,753 A	05/04/1993	Badrinath			
		5,154,720 A	10/13/1992	Trott et al.			
		5,147,367 A	09/15/1992	Ellis			
		5,133,720 A	07/28/1992	Greenberg			
		5,112,336 A	05/12/1992	Krevolin et al.			
		5,071,293 A	12/10/1991	Wells			
		5,054,968 A	10/08/1991	Eckman			
		5,030,219 A	07/09/1991	Matsen III et al.			
I A	121	5,026,376 A	06/25/1991	Greenberg			
F	122	4,969,781 A	11/13/1990	Fahrner et al.			
I I	123	4,941,781 A	07/17/1990	Becher			
I A	124	4,911,153 A	03/27/1990	Border			
T A	125	4,898,502 A	02/06/1990	Becher			
I A	126	4,872,451 A	10/10/1989	Moore et al.			
·		1		I	·		·

	4,803,976 A	02/14/1989	Frigg et al.
A128	4,791,918 A	12/20/1988	Von Hasselbach
A129	4,788,970 A	12/06/1988	Karas et al.
A130	4,787,377 A	11/29/1988	Laboureau
A131	4,744,353 A	05/17/1988	McFarland
A132	4,668,134 A	05/26/1987	Vindez,
A133	4,646,413 A	03/03/1987	Nall et al.
A134	4,493,317 A	01/15/1985	Klaue
A135	4,450,835 A	05/29/1984	Asnis et al.
A136	4,388,921 A	06/21/1983	Sutter et al.
A137	4,119,092 A	10/10/1978	Gil
A138	3,727,611 A	04/17/1973	Schultz
A139	3,540,322 A	11/17/1970	Swanson
A140	3,071,030 A	01/01/1963	Larry
A141	2,674,906 A	04/13/1954	Timpner
A142	2,670,637 A	02/23/1954	Edmunds
A143	2,607,339 A	08/19/1952	Price
A144	2,494,229 A	01/10/1950	Collison
A145	2,424,485 A	07/22/1947	Miller
A146	2,200,120 A	05/07/1940	Nauth
A147	2,181,746 A	11/28/1939	Siebrandt
A148	1,831,813 A	11/17/1931	Levedahl
A149	RE 36020 E	12/29/1988	Moore et al.
A150	D433506 S	11/07/2000	Asfora
A151	D404126 S	01/12/1999	Asfora
A152	D398996 S	09/29/1998	Simmons et al.
A153	D397220 S	08/18/1998	Kumar et al.
A154	D382056 S	08/05/1997	Kammerer
A155	D359557 S	06/20/1995	Hayes
A156	D357534 S	04/18/1995	Hayes
A157	D291246 S	08/04/1987	Lower
	4	•	

		**		FOREIGN	PATENT DOCUMENTS				
			DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSL	ATION
								YES	NO
	° E	301	CH 655646 A5	05/15/1986	Switzerland			ABS	
	E	302	DE 4238582 A1	05/19/1994	Germany		-	ABS	
	· E	303	DE 3222037 A1	04/12/1984	Germany			ABS	
-	E	304	EP 1132052 A2	09/12/2001	Europe	•			
	E	305	EP 995403 A1	04/26/2000	Europe				
	E	306	EP 962190 A2	12/08/1999	Europe				
1	E	307	EP 591985 A1	04/13/1994	Europe			ABS	
1	E	308	EP 518071 B1	10/26/1994	Europe				
	E	309	EP 518071 A1	12/16/1992	Europe			-	
	E	310	EP 506213 A1	02/22/1991	Europe				<u> </u>

	B11	EP 495488 A2	01/15/1991	Europe	
1	B12	EP 281763 A2	09/14/1988	Europe	ABS
1	B13	EP 281763 B1	12/30/1998	Europe	ABS
	B14	FR 2784570 A1	04/21/2000	France	ABS
	B15	FR 2735008 A1	12/13/1996	France	ABS
	B16	FR 2713473 A1	06/16/1995	France	ABS
	B17	GB 2324967 A	11/11/1998	United Kingdom	
	B18	GB 2243316 A	10/30/1991	United Kingdom	
	B19	JP 2001-245894 A	09/11/2001	Japan	ABS
	B20	JP 10-328205 A	12/15/1998	Japan	ABS
	B21	JP 5031116 A	02/09/1993	Japan	ABS
	B22	JP 2236331 A	09/19/1990	Japan	ABS
	B23	WO 99/52453A2	10/21/1999	PCT	
	B24	WO 99/21502 A1	05/06/1999	PCT	
	B25	WO 98/34553 A1	08/13/1998	PCT	
	B26	WO 96/20650 A1	07/11/1996	PCT	ABS
	B27	WO 96/15727 A1	05/30/1996	PCT	
	B28	WO 96/05778 A1	02/29/1996	PCT	
•	B29	WO 95/11632 A1	05/04/1995	PCT	
	B30	WO 93/19678 A2	10/14/1993	PCT	
	B31	WO 03/007826 A1	01/30/2003	PCT	
\ -	B32	WO 02/080791 A1	10/17/2002	PCT	
	B33	WO 02/02999 A1	01/10/2002	PCT	
	B34	WO 01/01874 A1	01/11/2001	PCT	ABS

	OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages etc.)
C01	
C02	
C03	

EXAMINER	DATE CONSIDERED
* *	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.